

AMENDMENTS TO THE ABSTRACT

Please **AMEND** the Abstract as shown below. This amended Abstract will replace all prior versions of the Abstract in the application.

[[A]] Disclosed is a feeding pump device of volume tube continually metering type
~~comprises: comprising a volume tube (1) having a metering volume section (11) defined therein, a dragging mechanism (2), two unilateral inlet valves (8) and two unilateral outlet valves (7) in two ends of inner wall thereof respectively; and a piston (9), wherein the piston (9) is connected to the dragging mechanism (2), provided with metering volume section (11), a dragging mechanism (2), and an unilateral inlet valve (8) and an unilateral outlet valve (7). Said volume tube (1) particularly have two unilateral inlet valves (8) and two unilateral outlet valves (7) provided in two ends of inner wall thereof respectively. A piston (9) connected to the said dragging mechanism (2) is provided in said volume tube (1). The present invention provides a design scheme of feeding pump, of which metering mode is based on measuring displacement of the piston, and takes reciprocation times of the piston as computation base. The unit of metering is the product of minimal distinguish unit of grating ruler and cross section area of metering volume section of the volume tube, and the pump has both the function of the conventional volume tube device and medium metering type feeding pump and develops it.~~